



Lambert Conical Orthomorphic Projection

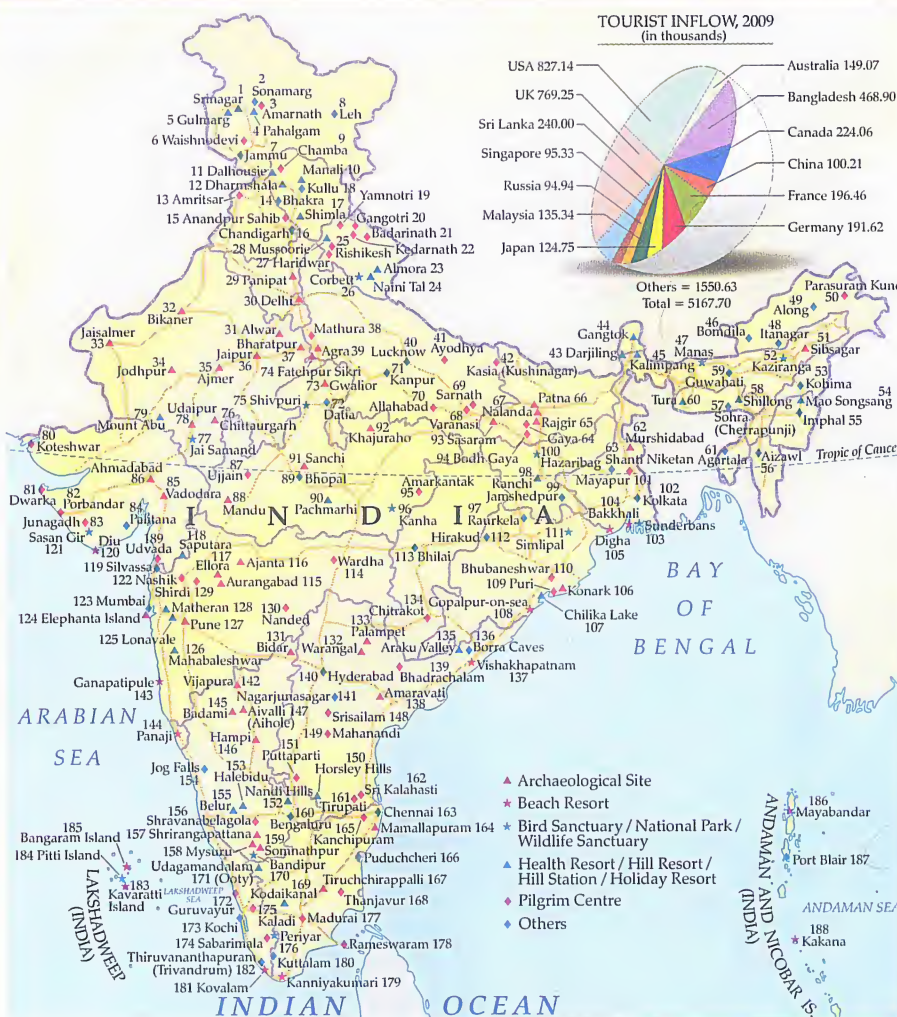
280 140 0 280 km  
Scale 1: 14 000 000







1. Holiday resort, Dal lake, Gardens & Lakes
2. Camping site & 'Meadow of Gold' (flowers)
3. Cave Temple
4. Holiday resort & fishing
5. Holiday resort & 'Meadow of flowers'
6. Temple
7. Temples, Palaces, Fort, Tombs & Museums
8. Palaces, Mosques & Trekking
9. Temples & Museums
10. Hill Station
11. Holiday resort & Hill Station
12. Hill Station & Headquarter of the Dalai Lama
13. Golden Gurudwara
14. Dam site & Picnic spot
15. Sikh pilgrim centre
16. Planned city
17. Health resort
18. Valley, Trekking & Trout fishing
19. Temples, Hot Springs & Source of the Yamuna River
20. Temples & Source of the Ganga River
21. Temples & Hot Springs
22. Temples & Hindu pilgrim centre
23. Hill Station, Temples & Ashrams
24. Holiday resort & Lakes
25. Temples, Ashrams & Hindu pilgrim centre
26. National Park
27. Temples, Ashrams & Hindu pilgrim centre
28. Hill station
29. Historic town & Babar's Mosque
30. Red Fort, Qutub Minar, Raj Ghat, India Gate, Parliament House
31. Rajput Monuments
32. Karni Devi temple, famous heaven of rats
33. Palace, Fort & Desert town
34. Rajput Monuments & Museum
35. Dargah Khwaja Sahib & Pushkar Lake
36. Jai Singh's Observatory, Hawa Mahal & Museum
37. Bird Sanctuary & Fort
38. Temples & Museums
39. Taj Mahal, Palaces, Fort & Museums
40. Imambara & Chhattar Manzil
41. Temples
42. Buddhist remains
43. Hill Station & Health resort
44. Hill Station & Trekking
45. Hill Station
46. Scenery, Buddhist temples & Museum
47. National Park & Fishing
48. Natural Lake & Ashram
49. Ramakrishna Ashram, Tribal temples
50. Hindu Pilgrim centre
51. Fort, Temples & Lakes
52. National Park (One Horned Rhinoceros)
53. Floral wealth, Museum & Park
54. Hill Station
55. Manipur dance & Handloom products
56. Scenic beauty & Fruits
57. Water Falls
58. Health resort, Water Falls & Museums
59. Museums & Temples



60. Hill Station & Hiking
61. Palaces, Temples & Lakes
62. Motijhil
63. Tagore's Viswa Bharati University of Fine Arts
64. Pilgrim centre
65. Jain & Buddhist sites, Hot Springs & Ropeway
66. Museums, Golghar Granary & Ancient Pataliputra ruins
67. Remains of ancient Buddhist University & Museum
68. Chats, Temples, Sarnath Buddhist Remains & Museum
69. Buddhist Vihara & Museum
70. Ganga, Yamuna & Saraswati Confluence & Kumbha Mela
71. Memorial Garden
72. Govind Palace
73. Fort, Tomb, Palaces & Sas Bahu temple
74. Muslim pilgrim centre, Forts, Palaces, Mosques & Buland Darwaza
75. Lakes, Big game hunting & Hill station
76. Tower of Victory & Temple of Virji
77. Wildlife Sanctuary, Largest artificial lake, Fishing & Boating
78. Lake & Palaces
79. Health resort, Dilwara temples
80. Narayana Sarovar lake & Beach
81. Ancient temples & Pilgrim centre
82. Birthplace of Mahatma Gandhi
83. Asokan Inscription, Rock-cut caves & Jain temples
84. Temples & Shatrunjaya Hill
85. Palaces, Museums & Art Gallery
86. Ancient monuments & Sabarmati Ashram
87. Pilgrim Centre & Koshak Palace
88. Palaces, Fort, Mosques & Tombs
89. Palaces, Gardens, Forts & Taj-ul-Masjid
90. Health resort & Caves
91. Buddhist remains & Museum
92. Temples & Museum
93. Antiquities Mausoleum & Antiques
94. Buddhist pilgrim centre, Bodhi temple & Monasteries
95. Source of Narmada River & Temples
96. National Park
97. Steel Plant
98. Health resort & Water Falls
99. Steel city & Gardens
100. National Park & Holiday resort
101. Iskcon temple
102. Victoria Memorial, Indian Museum & Gardens
103. National Park
104. Beach resort
105. Beach resort
106. Sun temple
107. Lake, Holiday resort & Fishing
108. Beach resort
109. Jagannath temple
110. Lingaraja temple & Khandagiri caves
111. National Park & Water Falls
112. Dam site & Fishing
113. Steel Plant
114. Mahatma Gandhi's 'Sevagram' Ashram
115. Rock-cut caves & Bibi-ka-Maqubara
116. Rock-cut caves, Paintings & Sculptures
117. Rock-cut caves, Paintings & Sculptures
118. Hill Station
119. Temple & Garden
120. Beach, Forts & Churches
121. National Park & Lion Sanctuary
122. Temples & pilgrim centre
123. Gateway of India, Hanging Garden, Museum & Kanheri caves
124. Rock-cut caves
125. Hill Station
126. Health resort, Lakes & Water Falls
127. Palaces, Park & Museum
128. Hill Station
129. Sai Baba temple
130. Sikh pilgrim centre
131. Fort
132. Fort & Thousand Pillar temple
133. Temple & Ramappa lake
134. Water Falls & Pilgrim centre
135. Hill Station
136. Rock-cut caves
137. Beach & Ship-building yards
138. Buddhist remains
139. Rama temple on the banks of River Godavari
140. Charminar, Museum, Zoo & Golconda Fort
141. Dam site & Picnic spot
142. Gol Gumbaz, Mausoleum, Mosque & Towers
143. Beach resort & Ganapati temple
144. Beach, Holiday resort & Churches
145. Temples, Sculptures & Fort
146. 14 sq. km of ruins of temples, Forts & Palaces
147. Chalukyan style temples & Sculptures
148. Mallikarjuna Swamy temple
149. Picnic spot, Mineral springs & Temples
150. Hill Station
151. Satiya Sai Baba Ashram
152. Holiday resort & Pilgrim centre
153. Ancient Hoysala style temples & Sculptures
154. Water Falls
155. Ancient Hoysala style temples & Sculptures
156. Jain pilgrim centre & Gomateswara statue
157. Fort, Museum & Mosque
158. Palaces, Garden, Zoo & Museums
159. Ancient Hoysala style temples & Sculptures
160. Fort, Palace of Tipu Sultan & Gardens
161. Venkateswara temple
162. Kalahasteswara temple
163. Marina Beach, Fort, Museums, Zoo & National Park
164. Pallava Rock-cut caves, Shore temple & Sculptures
165. Temples & Handloom silks
166. Beach, French cultural centre & Aurobindo Ashram
167. Fort, Rock temples & Rock-cut caves
168. Brihadeswara temple, Fort & Museum
169. Hill Station & Solar observatory
170. Wildlife Sanctuary
171. Hill Station & Botanical garden
172. Temples & Hindu pilgrim centre
173. Churches (Vasco da Gama's tomb) & Harbour
174. Ayyappa temple
175. Birthplace of Adi Sankaracharya, Shrines & Ashrams
176. National Park
177. Meenakshi temple
178. Temples & Beach
179. Kanniyakumari temple, Beach & Land's End
180. Water Falls & Temple
181. Beach resort
182. Beaches, Fort, Zoo & Museum & Temples
183. Bathing Beach by Lagoon & Marine life
184. Sanctuary of sea birds
185. Beach resort & Scuba diving
186. Beach
187. Beach, Cellular Jail, Marine Park & Museum
188. Beach
189. Fire Temple







1: 15,000,000 (1cm to 150 km)

0 150 300 km

Scale

Projection: Lambert Conical Orthomorphic

# INDIA — POLITICAL

11







A classical dance in Uttar Pradesh called 'Kathak'

*A classical dance in Manipur called 'Manipuri'*

A classical dance in Odisha called 'Odissi'

*A classical dance  
in Andhra Pradesh called  
'Kuchipudi'*

*A classical dance  
in Tamil Nadu called  
'Bharatanatyam'*

A classical  
dance in  
Kerala called  
'Kathakali'

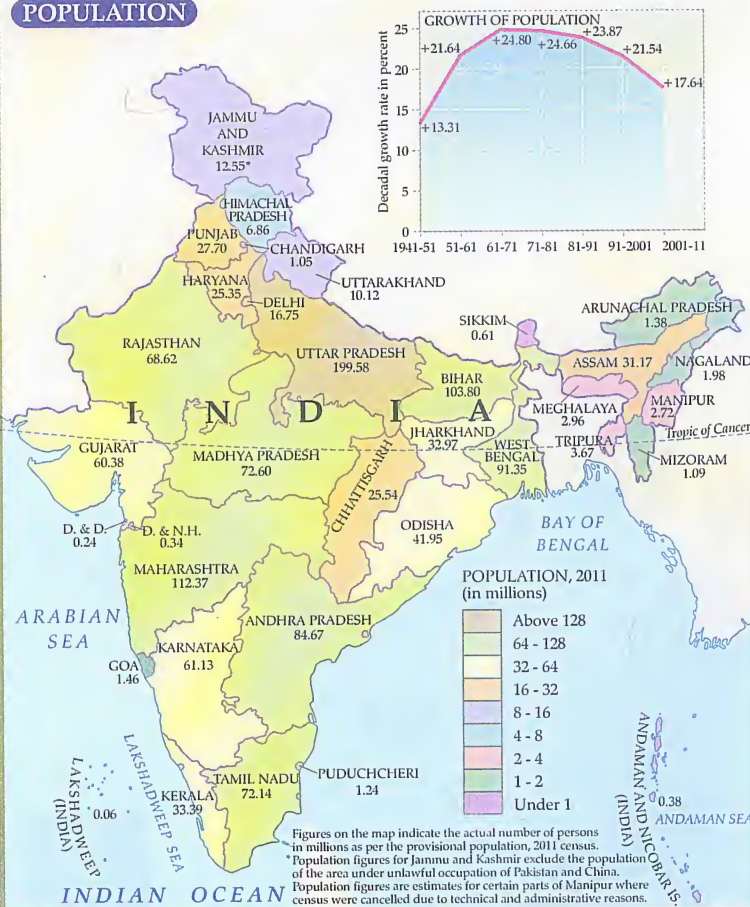
Another classical dance in Kerala called 'Mohiniattam'



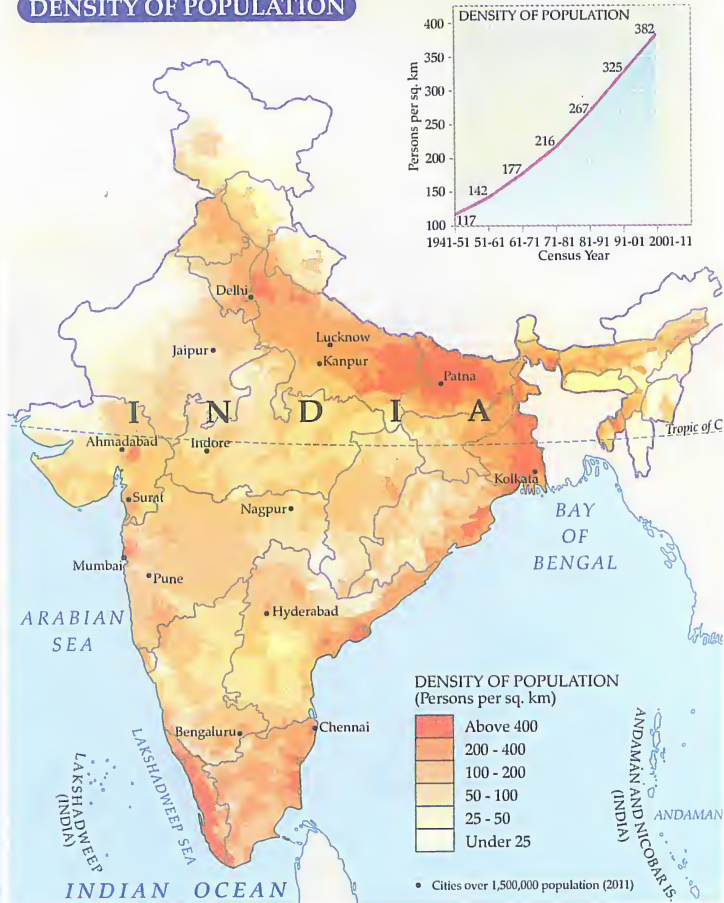
# INDIA — POPULATION, DENSITY OF POPULATION, LITERACY AND SEX RATIO

1: 30,000,000 (1cm to 300 km)  
 0 300 600 km  
 Scale  
 Projection: Lambert Conical Orthomorp

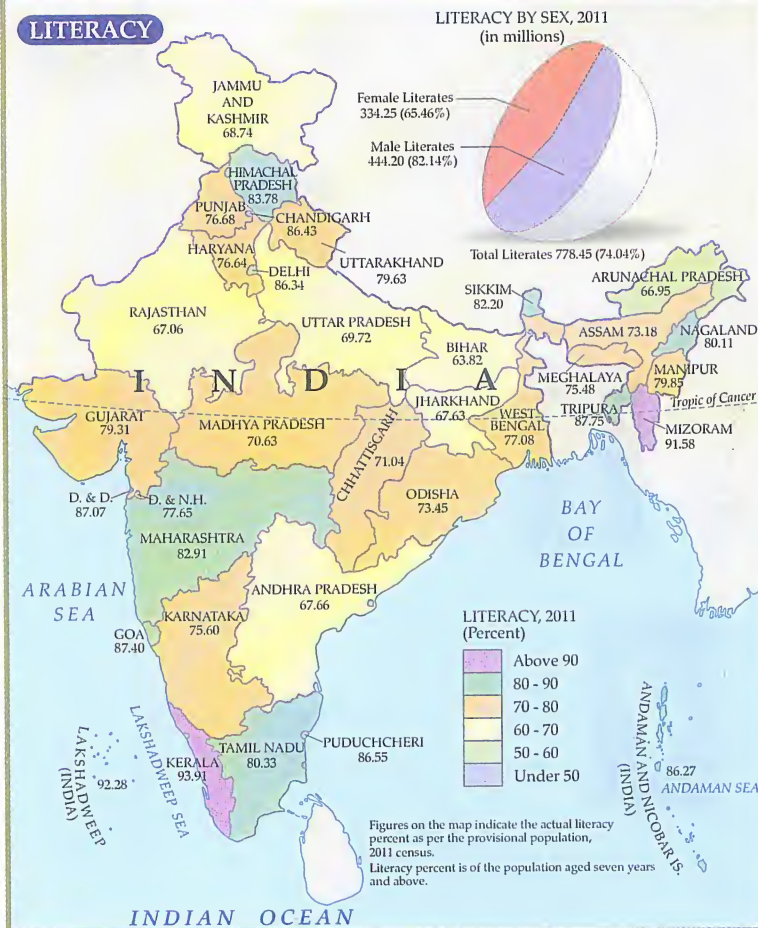
## POPULATION



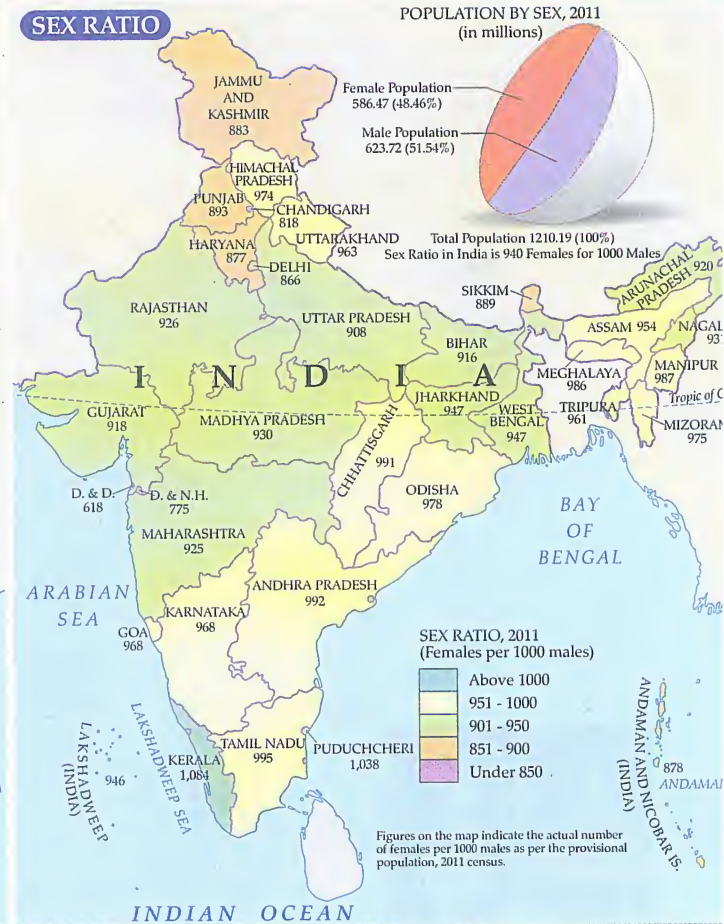
## DENSITY OF POPULATION



## LITERACY



## SEX RATIO





1: 25,000,000 (1cm to 250 km)

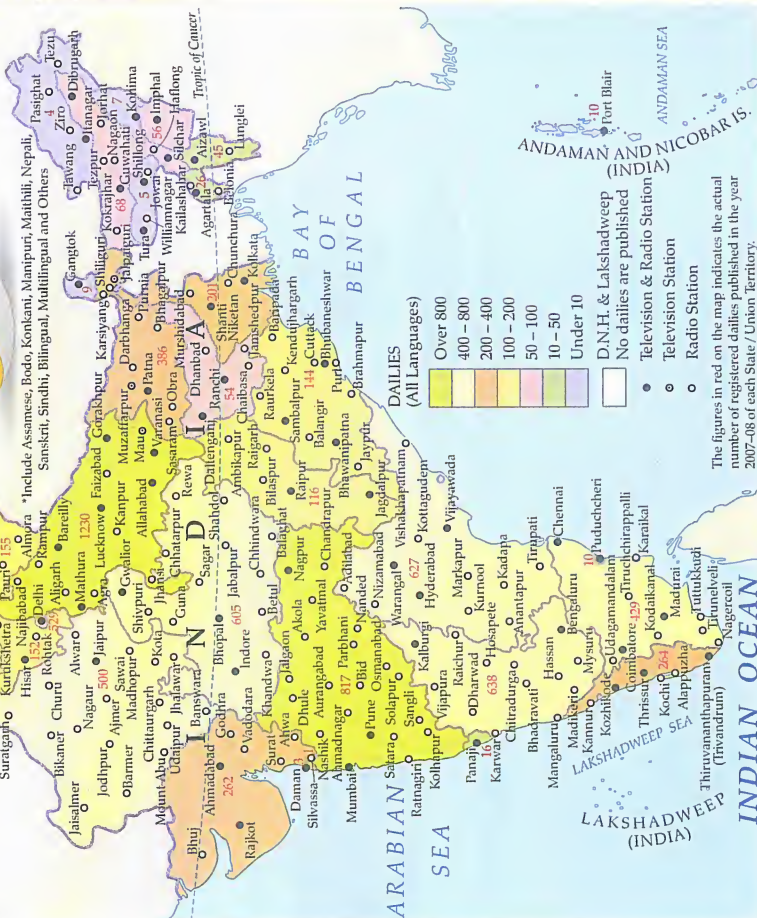
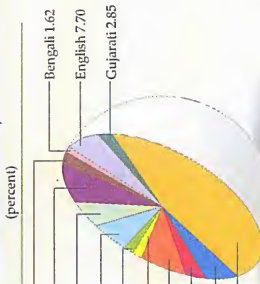
0 250 500 km

Scale

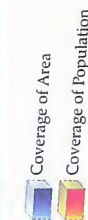
Projection: Lambert Conical Orthomorphic

## MASS MEDIA

### CIRCULATION OF DAILIES, 2007 – 2008



## GROWTH OF DOORDARSHAN NETWORK

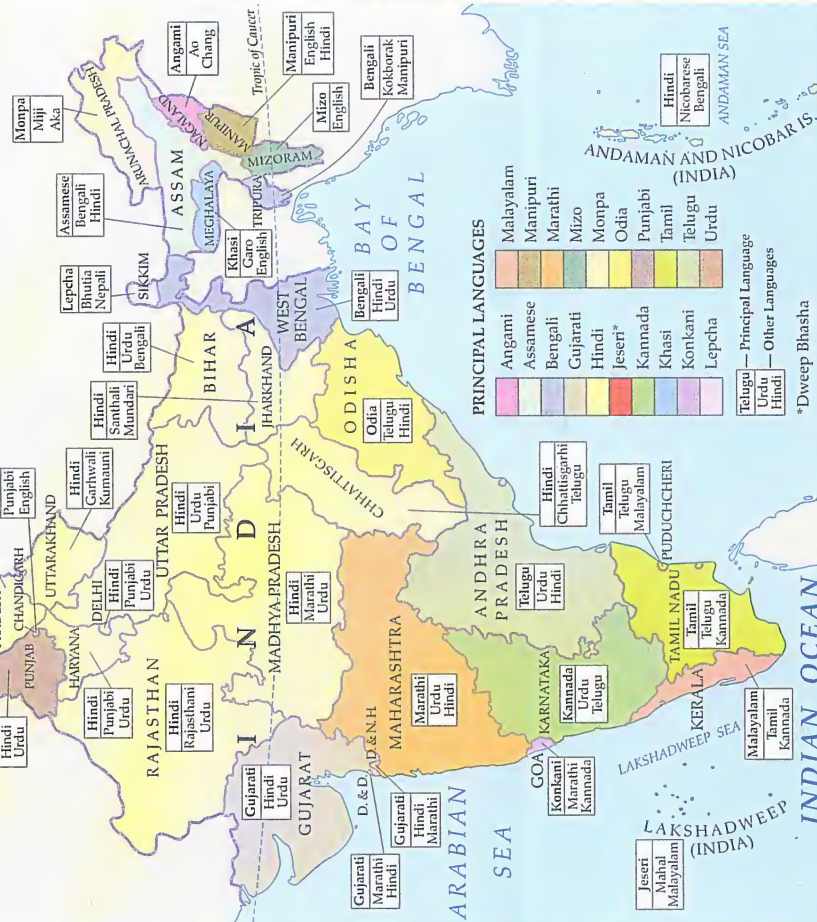


## LANGUAGES

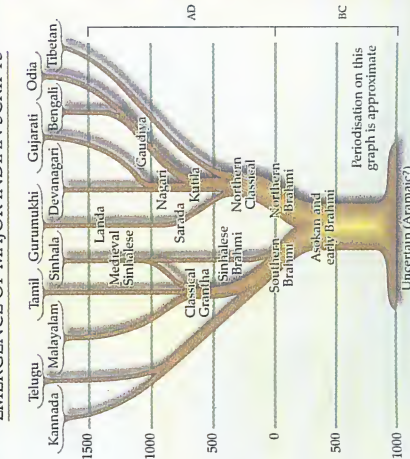
India has 22 scheduled languages. They are:

1. Assamese
2. Bengali
3. Bodo
4. Dogri
5. Gujarati
6. Hindi
7. Kannada
8. Kashmiri
9. Konkani
10. Maithili
11. Malayalam
12. Manipuri
13. Marathi
14. Nepali
15. Odia
16. Punjabi
17. Sanskrit
18. Santhali
19. Sindhi
20. Tamil
21. Telugu
22. Urdu

Of these 22 languages, Bodo, Dogri, Maithili, Nepali, Sanskrit, Santhali, Sindhi and Urdu are not major languages of any State / Union Territory.



## EMERGENCE OF MAJOR INDIAN SCRIPTS



## SCRIPTS OF THE SCHEDULED LANGUAGES





## INDUS VALLEY CIVILISATION 2600 - 1700 BC



A seal probably used to stamp ledges and packages containing goods for trade.



## BHARATVARSHA SIXTH CENTURY BC\*



A stone sculpture depicting an episode from the Mahabharata.



## EMPIRE OF ASHOKA 250 BC



The four lions from one of the Ashoka pillars. Today this is India's national emblem.



## INDIA IN AD 150



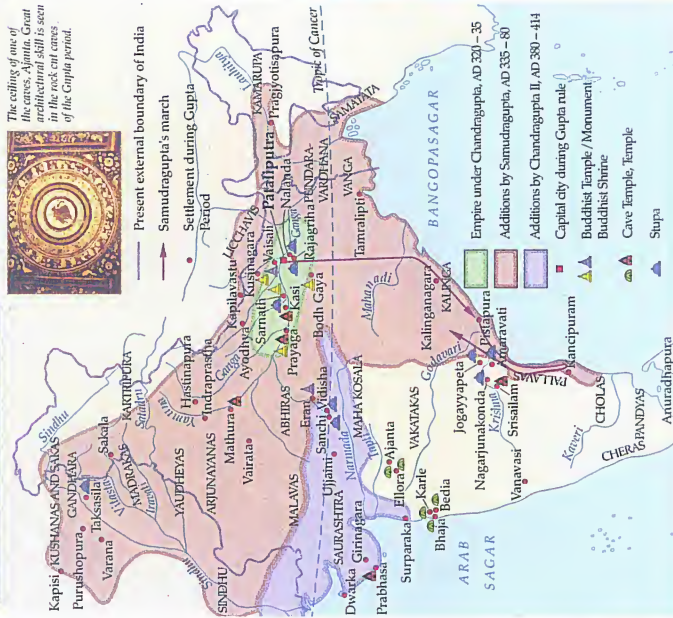
A sculpture of the Kushan period.



## EMPIRE OF THE GUPTAS



The ceiling of one of the caves, Ajanta. Great architectural skill is seen in the rock cut carvings of the Gupta period.



## EMPIRE OF HARSHAVARDHANA, AD 646



The ruins site from the remains of the University of Nalanda. Harsha supported Nalanda. He gave grants for its upkeep from the revenue collected from a limited large villages.





# INDIA — HISTORY II

1: 36,000,000 (1cm to 360 km)

0 360 720 km

Scale

Projection: Lambert Conical Orthomorphic

## INDIA DURING THE NINTH CENTURY



Kailash Temple, Ellora. This spectacular temple was built during the rule of the Rashtrakutas.



## ALAUDDIN KHALJI'S KINGDOM AD 1316



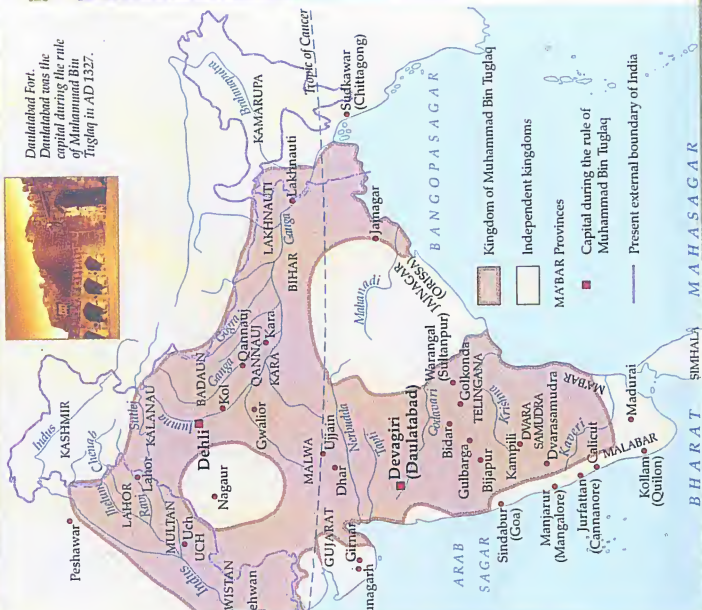
Alai Darwaza, the gateway of the Qutub Minar was built in AD 1305, during the rule of Alauddin Khalji.



## MUHAMMAD BIN TUGLAQ'S KINGDOM AD 1335



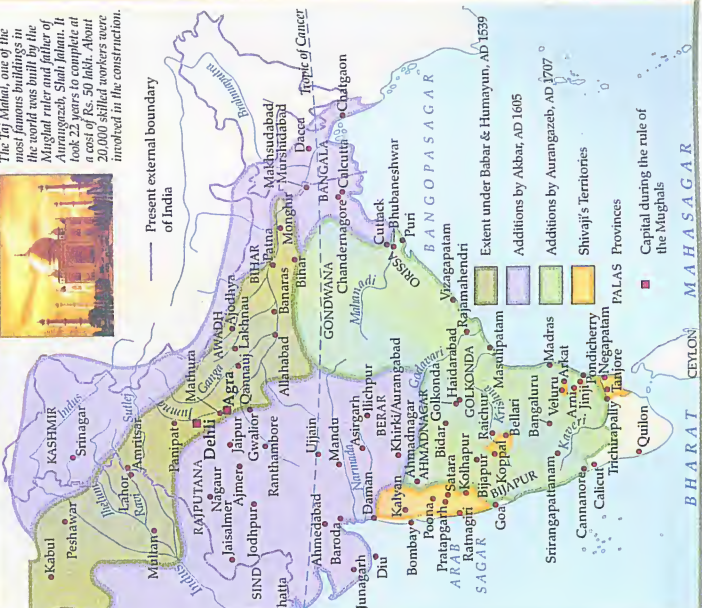
Daulatabad Fort. Daulatabad was the capital during the rule of Muhammad Bin Tuglaq in AD 1327.



## GREAT MUGHAL EMPIRE AD 1539 - 1707



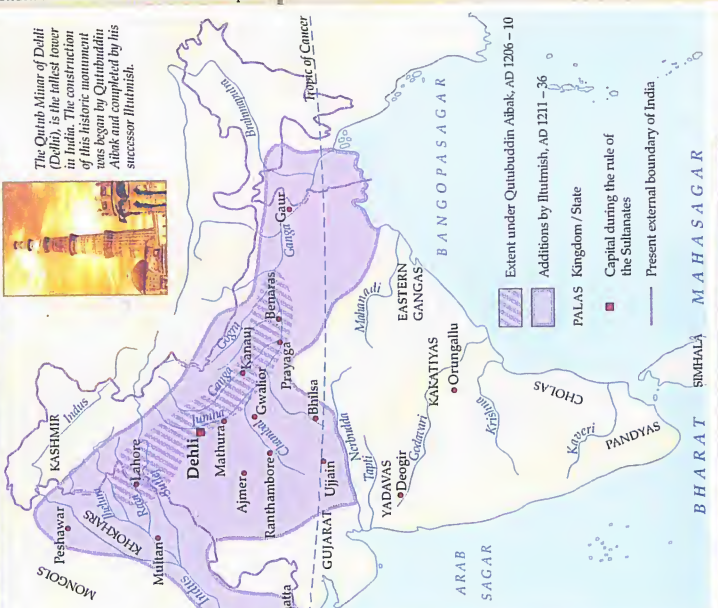
The Taj Mahal, one of the most famous monuments in the world, was built by the Mughal ruler Shah Jahan in 1653. It took 22 years to complete at a cost of Rs. 50 lakh. About 20,000 skilled workers were involved in the construction.



## SULTANATES OF DELHI, AD 1206 - 1236



The Qutub Minar of Delhi (Delhi) is the tallest tower in India. The construction of this historic monument was begun by Qutubuddin Aibak and completed by his successor Iltutmish.



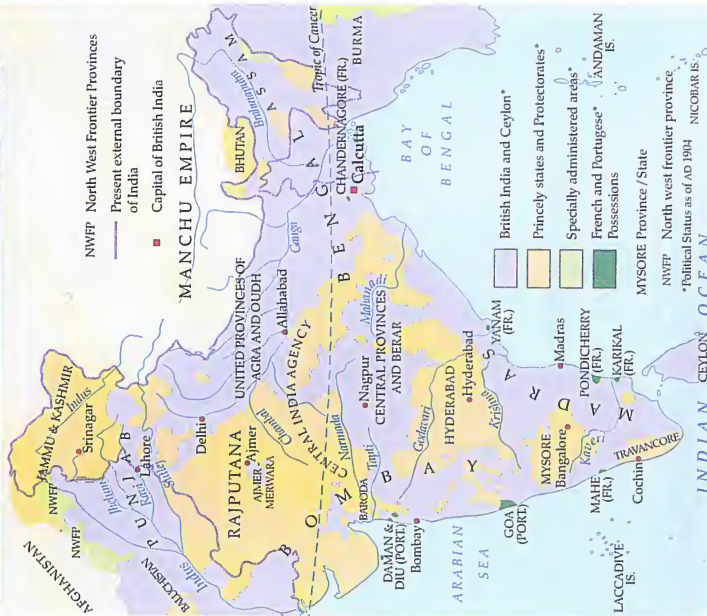
## INVASION OF GHURI, AD 1192 - 1206

Sultan Muhammad of Ghazni invaded India several times. The sultan did not wish to conquer India. After his death, Muhammad Ghori conquered Multan in AD 1192 and expanded his kingdom up to Qandahar (Kandahar) in AD 1193. The credit for the conquest of India belongs to Muhammad Ghori.

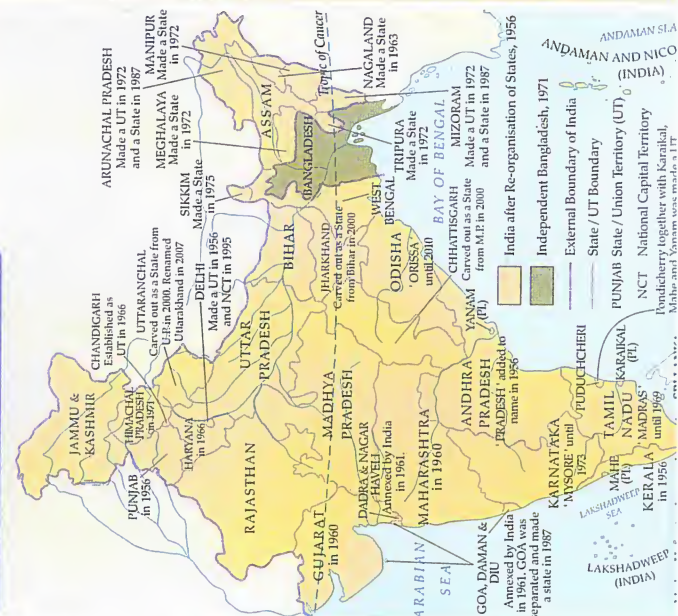




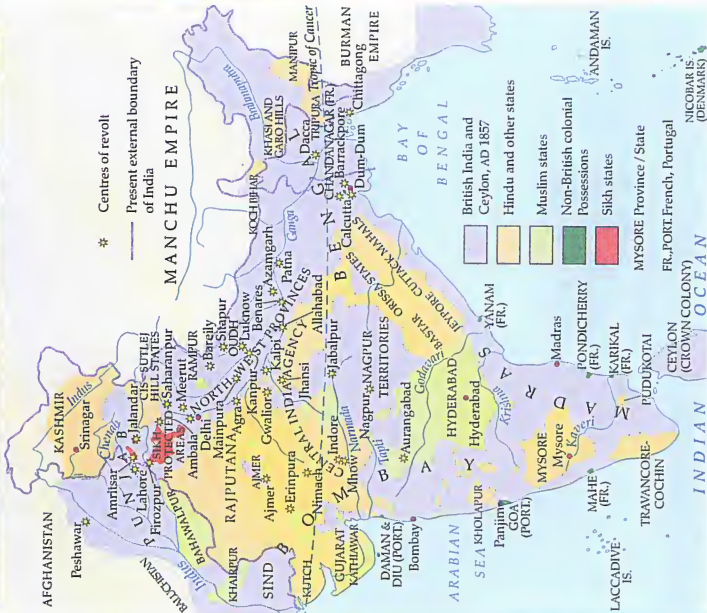
## INDIA IN THE EARLY TWENTIETH CENTURY



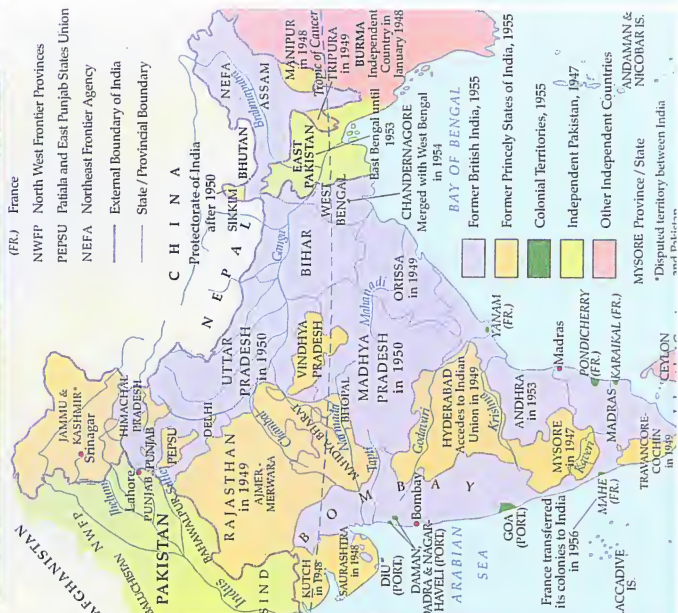
## INDIA DURING AD 1956 – 2010



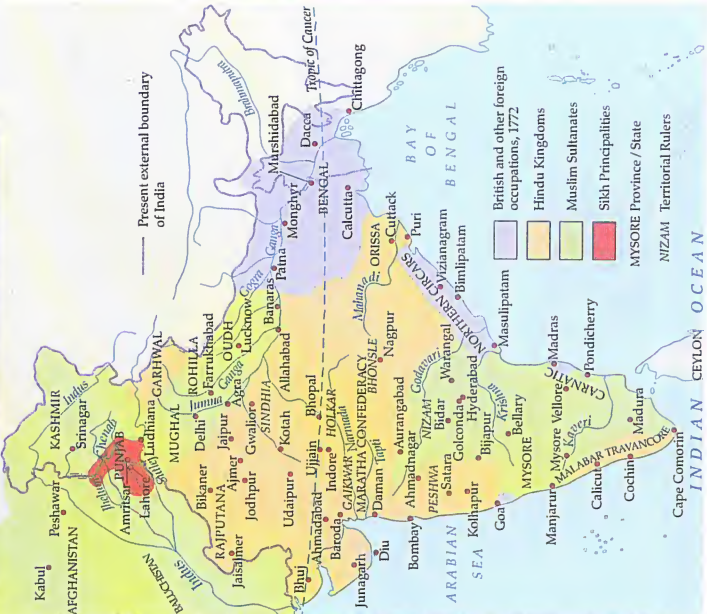
## EXTENT UNDER BRITISH RULE AFTER DALHOUSIE AD 1857



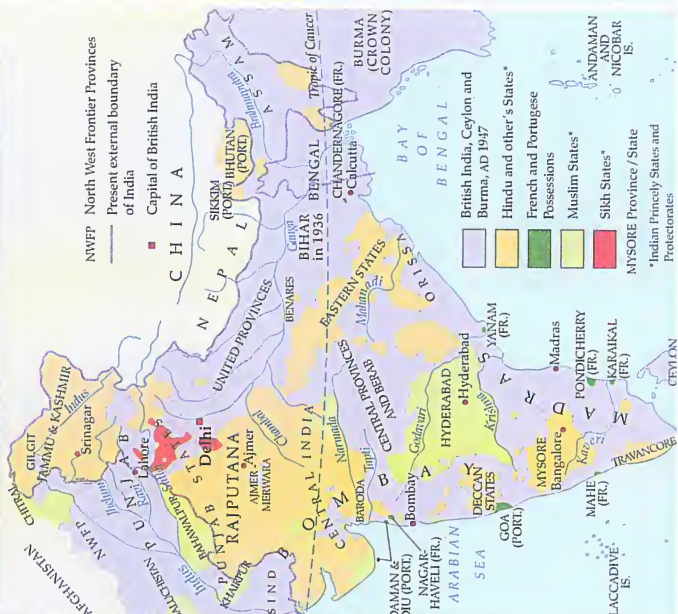
## INDIA AFTER INDEPENDENCE AD 1947 – 1956



## BEGINNING OF BRITISH RULE, AD 1772



## INDIA BEFORE INDEPENDENCE AD 1913 – 1947

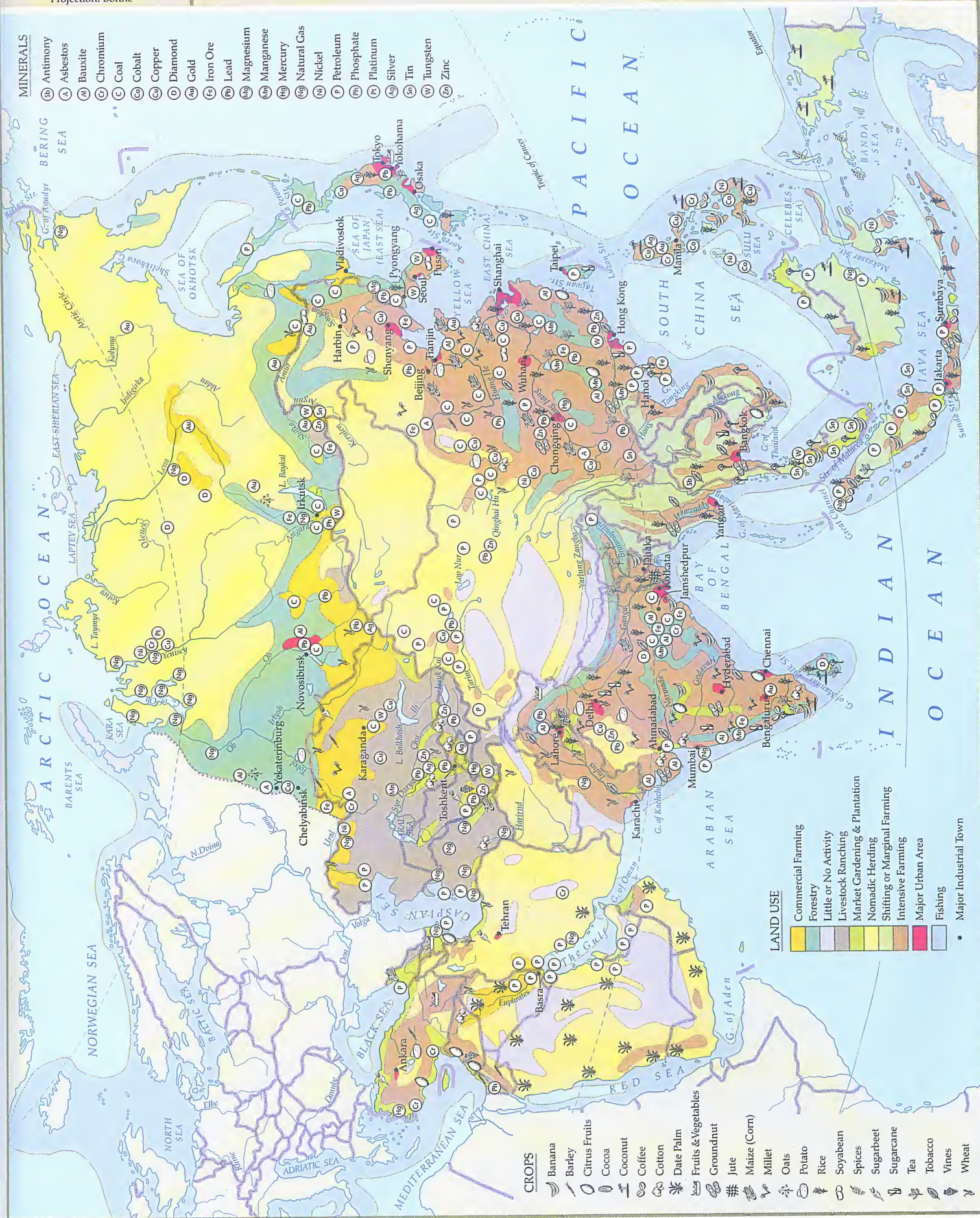




1: 50,000,000 (1cm to 500 km)  
 0 500 1000 km  
 Scale  
 Projection: Bonne

# ASIA — ECONOMY

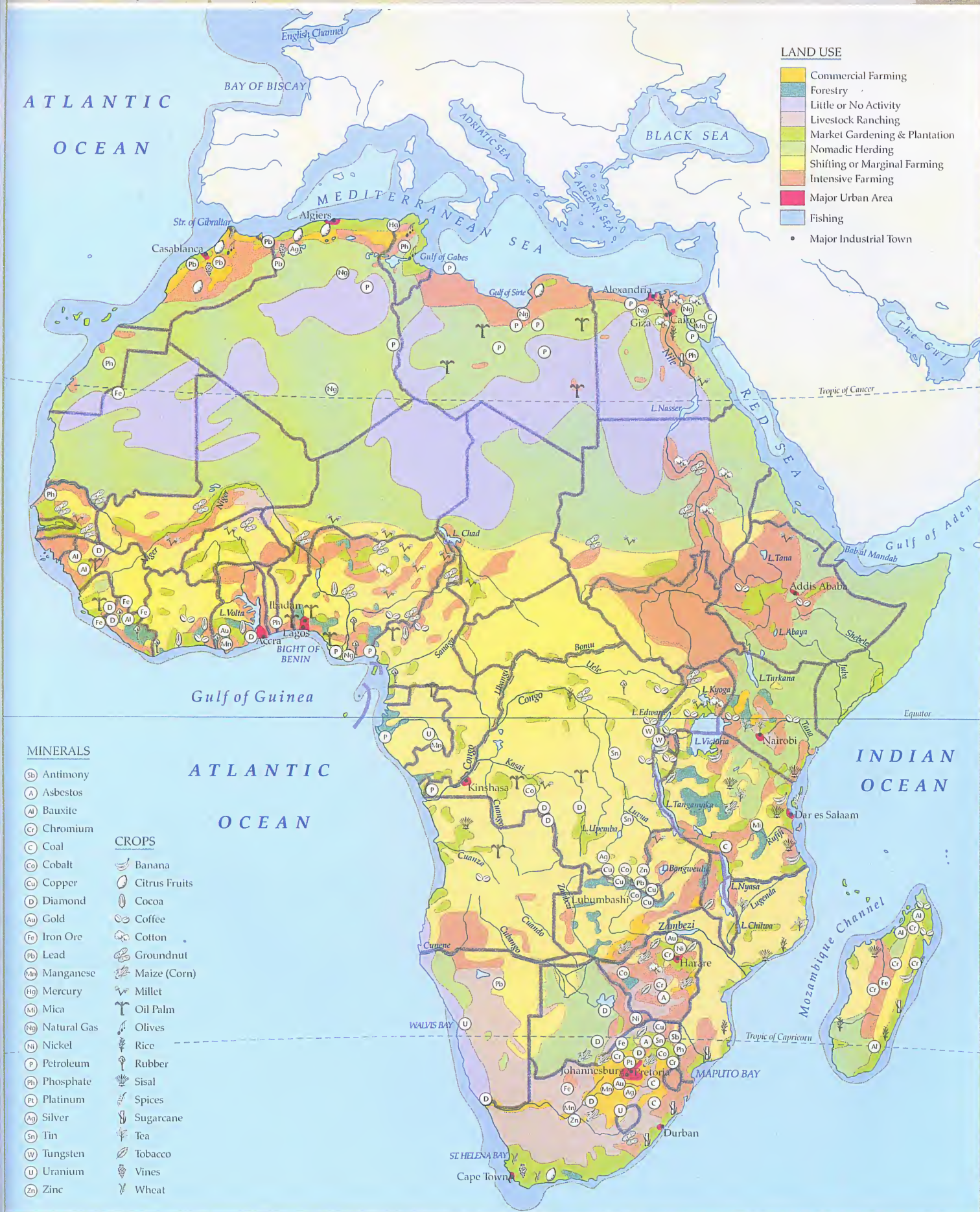
47



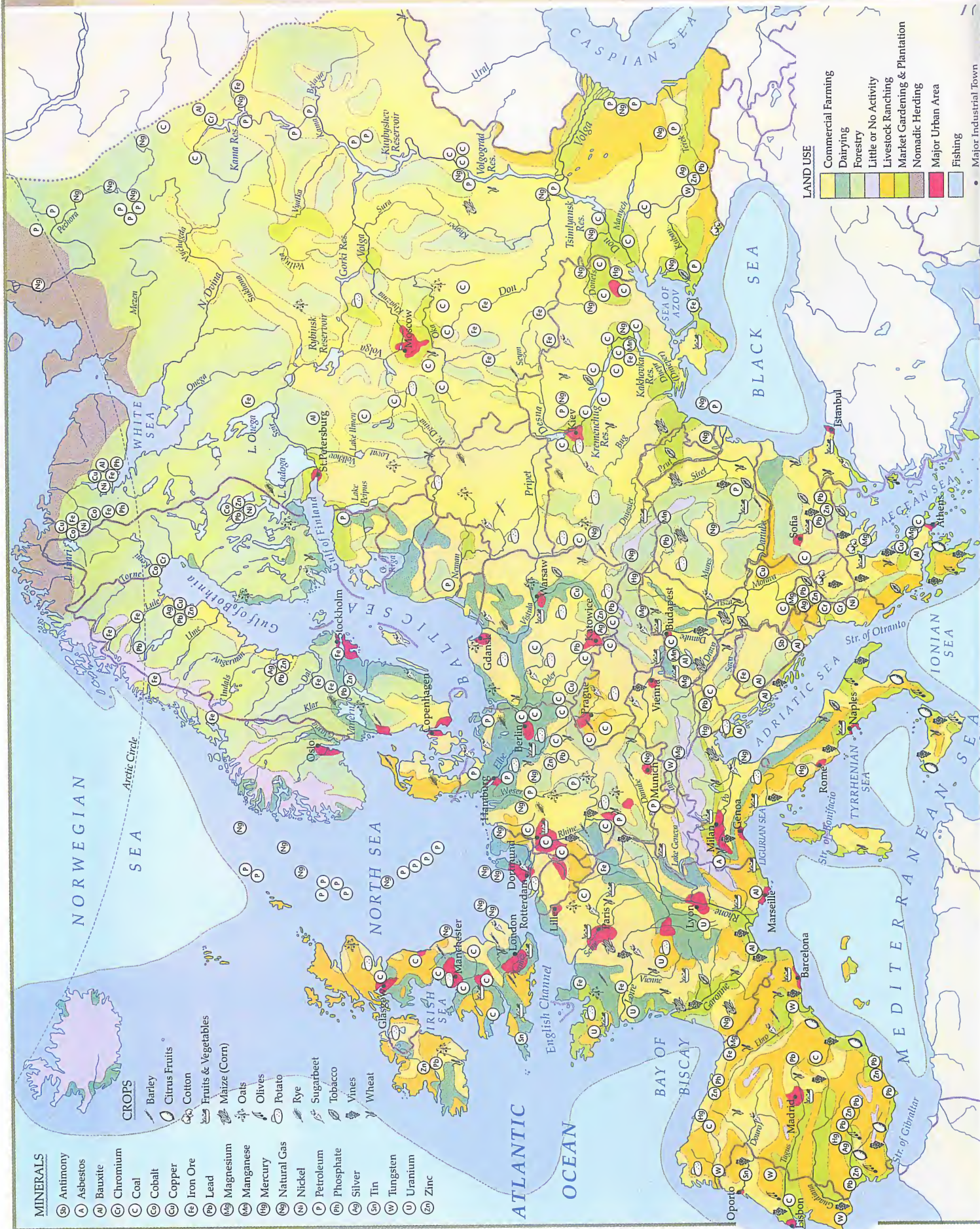














1: 30,000,000 (1cm to 300 km)

0 300 600 km

Scale

Projection: Lambert Equivalent Azimuthal

# SOUTH AMERICA — ECONOMY

79





1: 125,000,000 (1cm to 1250 km)  
 0 1250 2500 km  
 Scale  
 Projection: Hammer Equal Area

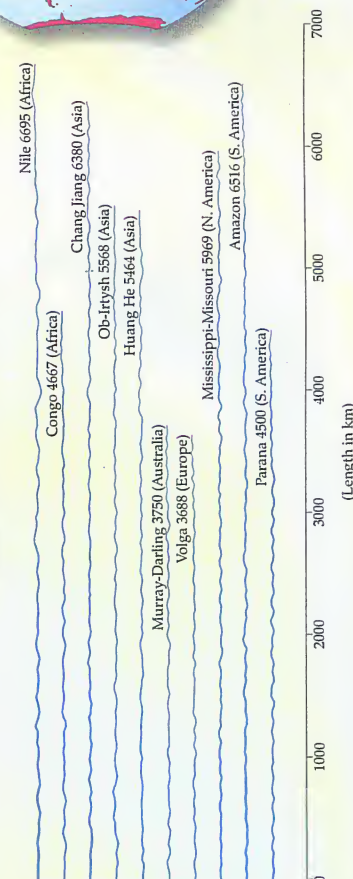
# WORLD — PHYSICAL



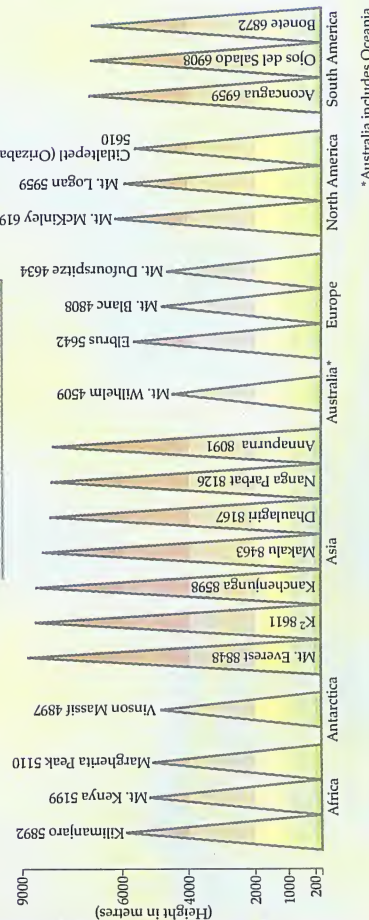
81



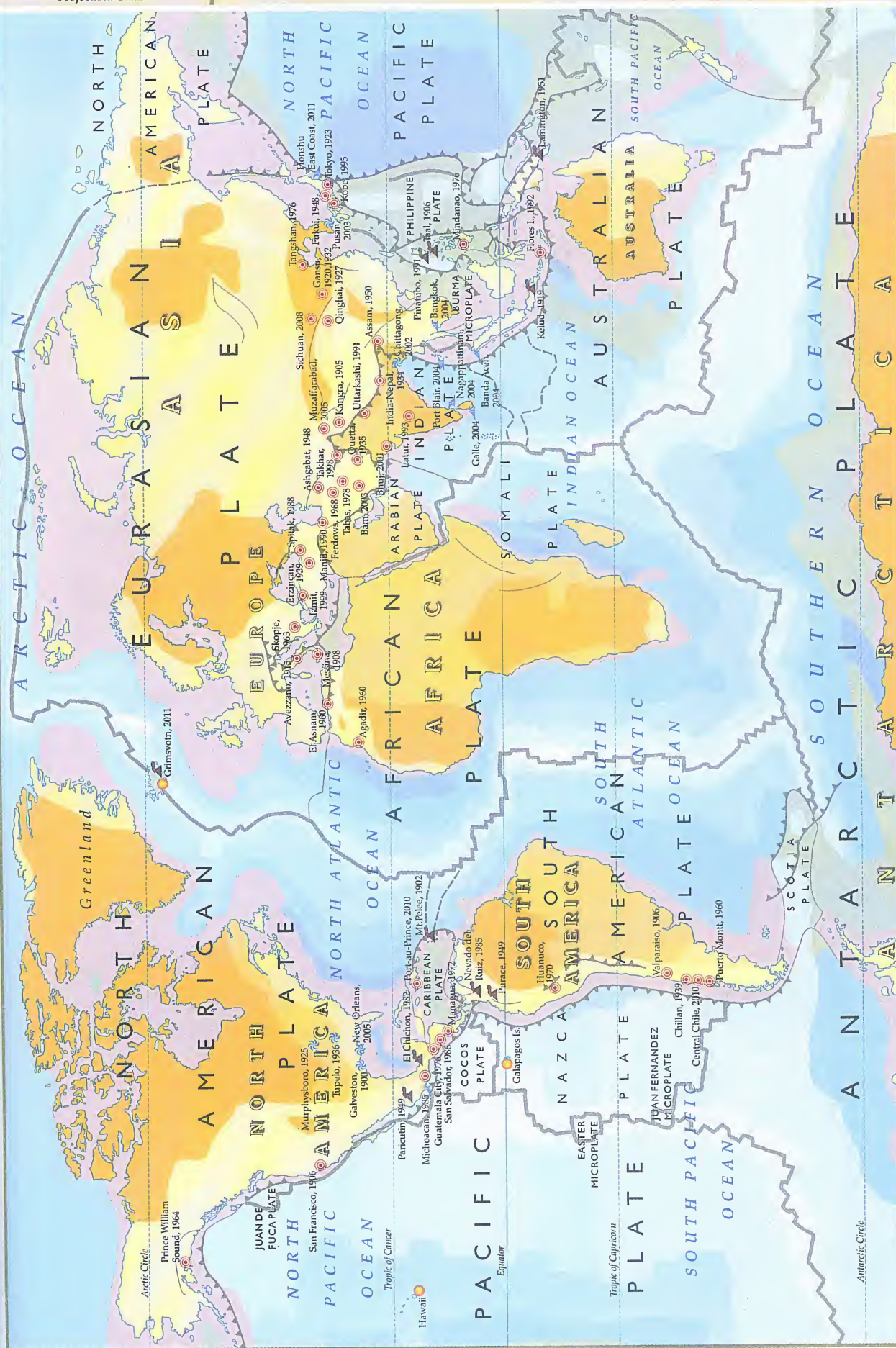
## IMPORTANT RIVERS



## IMPORTANT MOUNTAINS







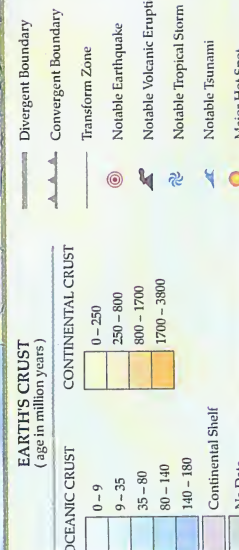
Satellite image of Kahuna town in Western province, Sri Lanka after tsunami occurred on 26th December 2004. This is one of the most serious natural disasters that took lives of a large number of people and caused extensive damage to the countries of Indonesia, Sri Lanka, India and Philippines.



Satellite image of Kahuna town in Western province, Sri Lanka before tsunami.



Giant killer waves of tsunami. As the waves reach the shore, the speed would be 40 km/hr. and height about 10 metres.







Wildlife under threat is shown thus....

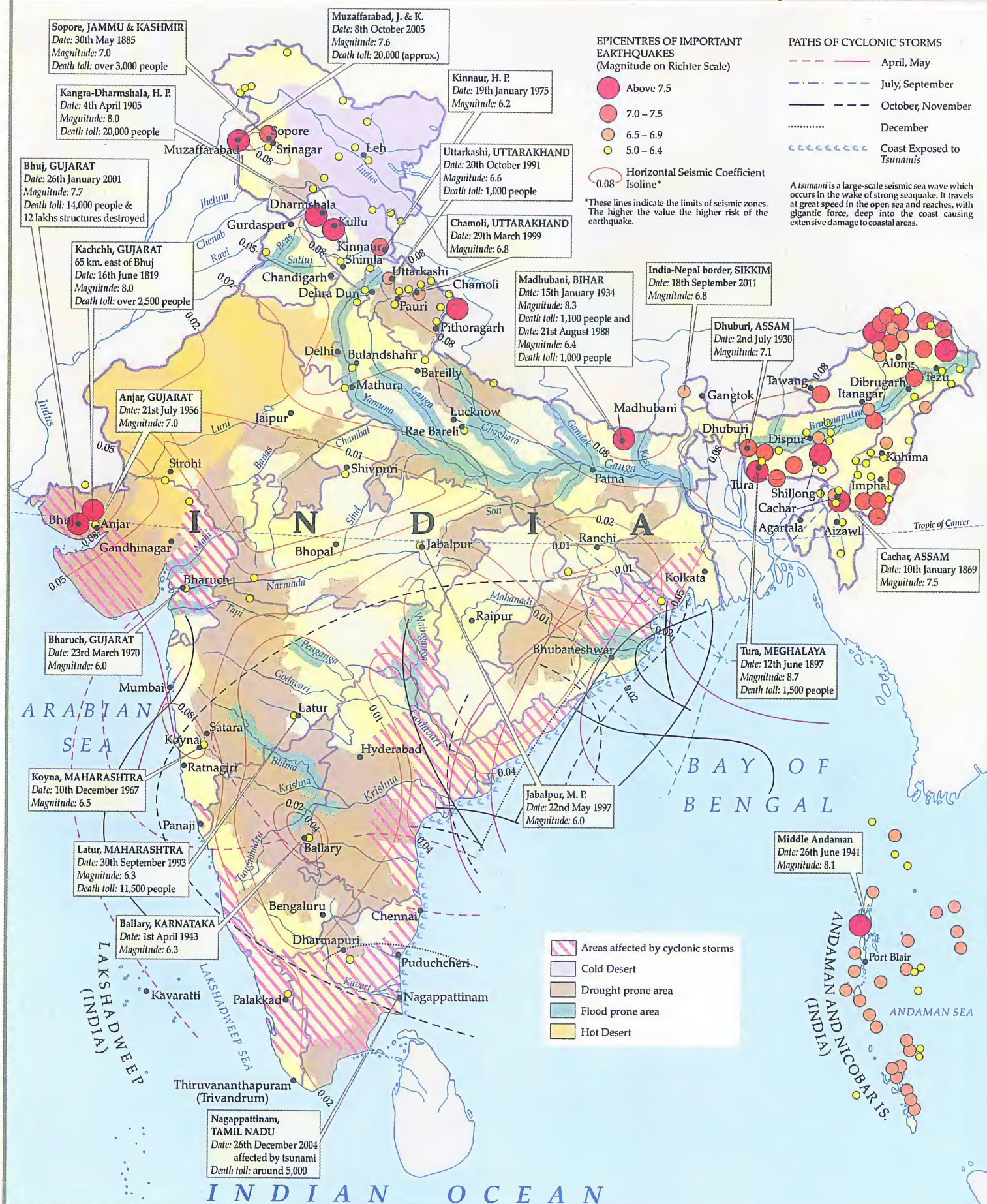
Antarctic Circle

Tropic of Capricorn

Equator

Tropic of Cancer







1: 25,000,000 (1cm to 250 km)

0 250 500 km

Scale

Projection: Lambert Conical Orthomorphic

# INDIA — IRRIGATION AND POWER GENERATION

23

## ELECTRICITY CONSUMPTION, 2008-2009\*

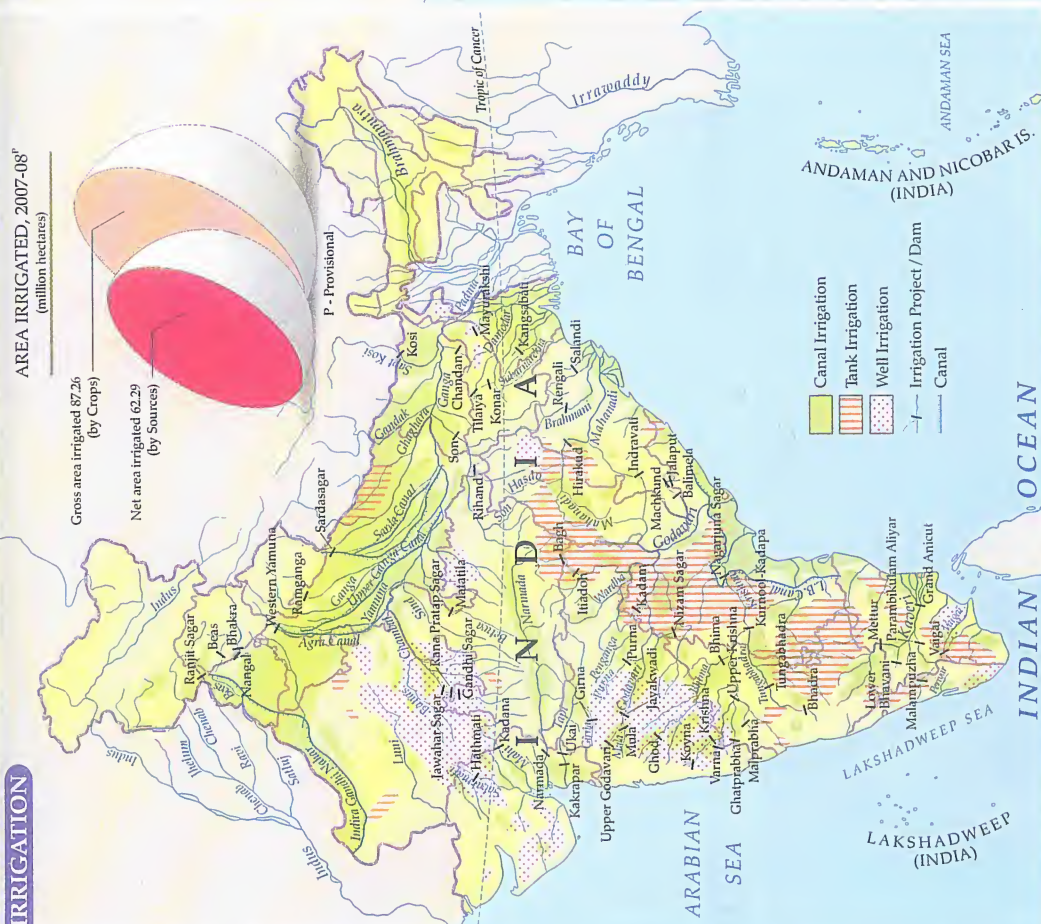


## POWER GENERATION

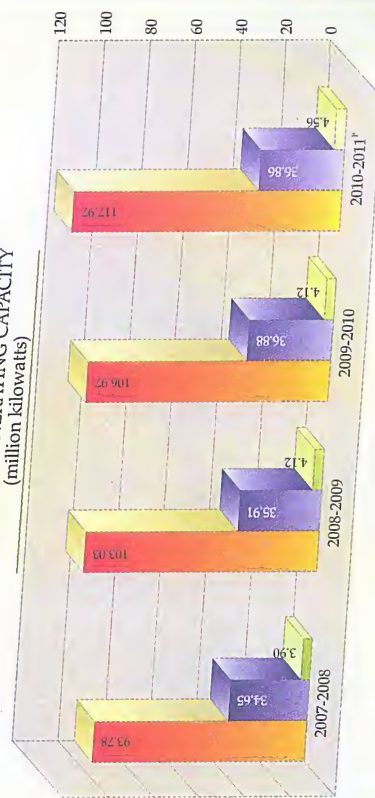
## AREA IRRIGATED, 2007-08\*

Gross area irrigated 87.26 (by Crops)  
Net area irrigated 62.29 (by Sources)

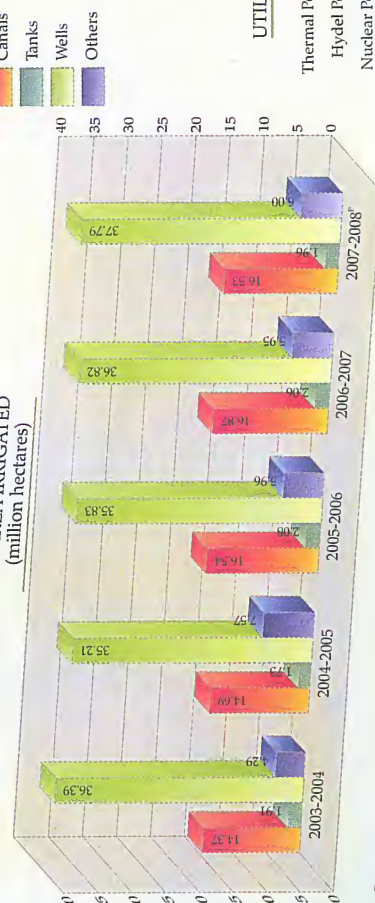
## IRRIGATION



## INSTALLED GENERATING CAPACITY (million kilowatts)



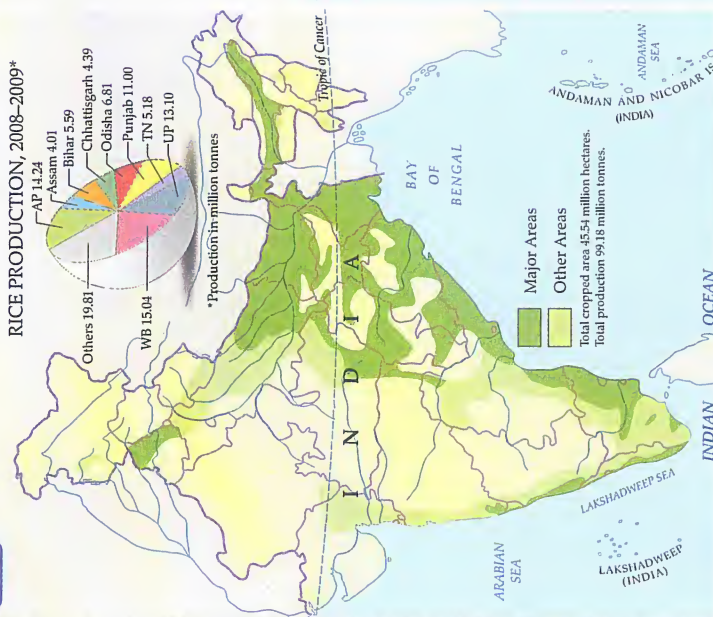
## NET AREA IRRIGATED (million hectares)



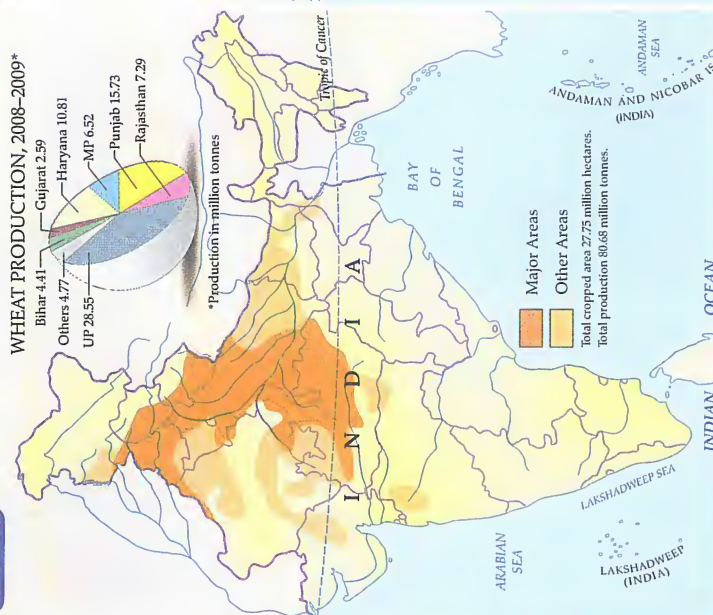


## JOWAR AND RAGI

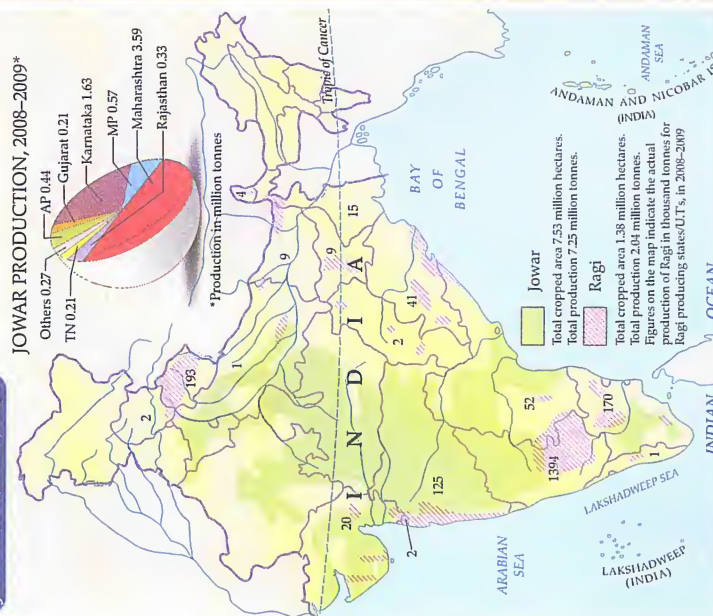
## RICE PRODUCTION, 2008-2009\*



## WHEAT PRODUCTION, 2008-2009\*

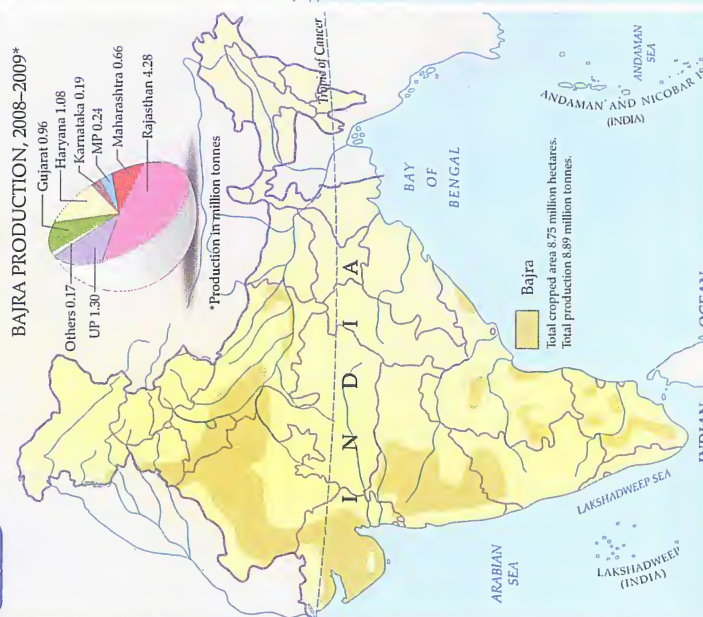


## JOWAR PRODUCTION, 2008-2009\*



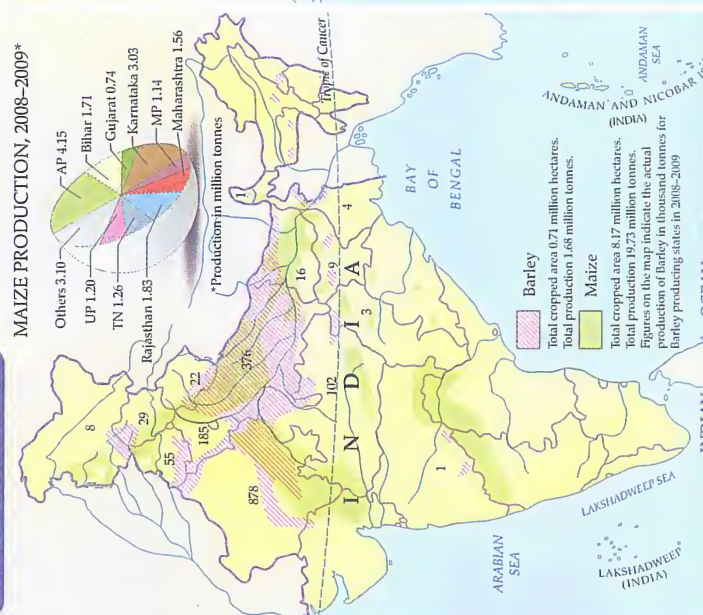
## BAJRA

## BAJRA PRODUCTION, 2008-2009\*



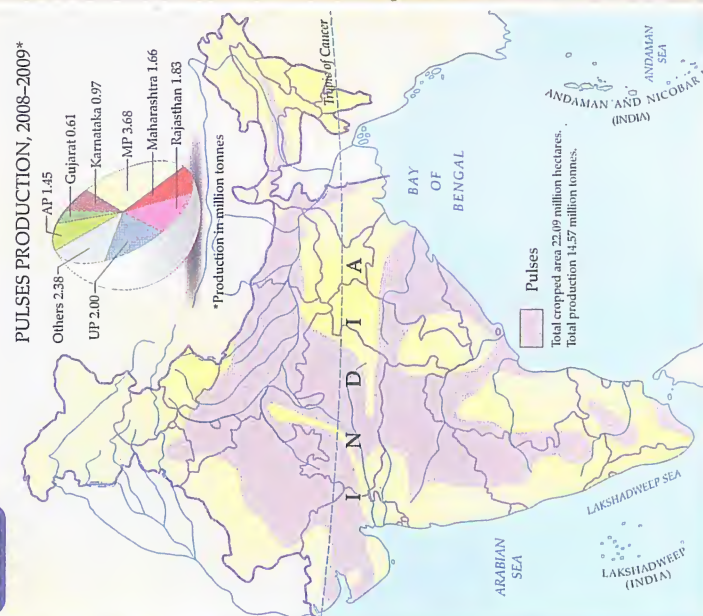
## BARLEY AND MAIZE

## MAIZE PRODUCTION, 2008-2009\*



## PULSES

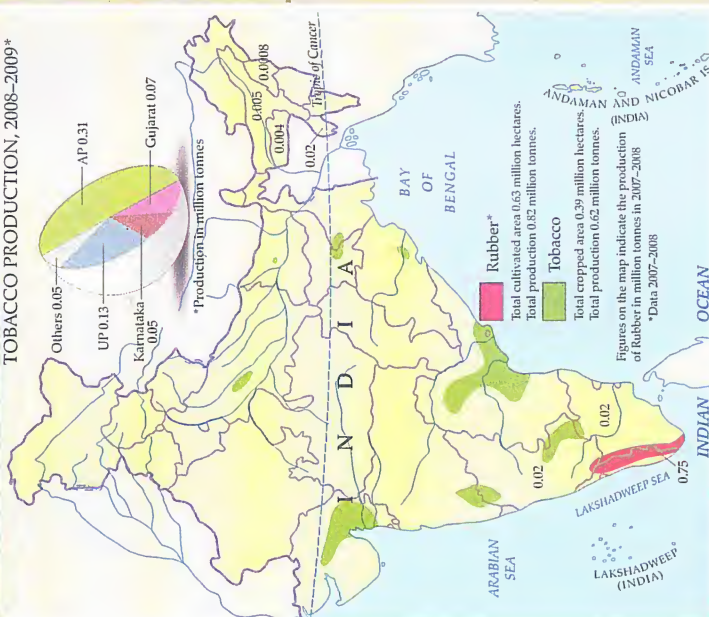
## PULSES PRODUCTION, 2008-2009\*





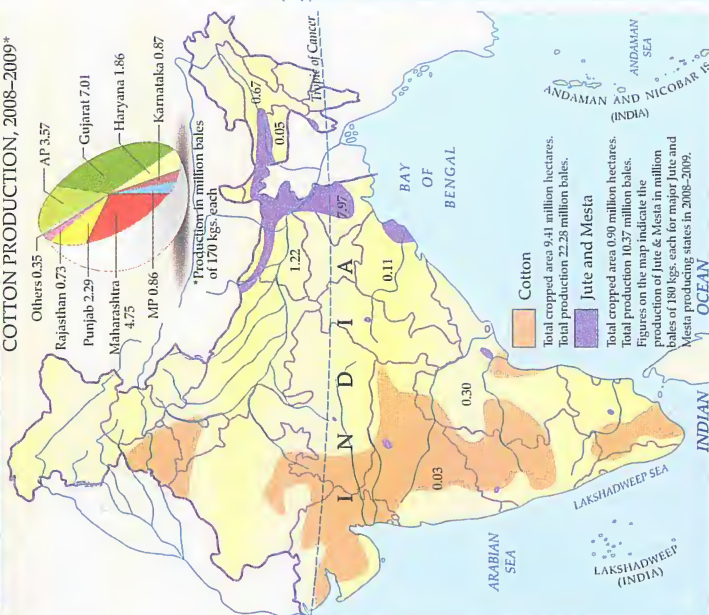
## RUBBER AND TOBACCO

TOBACCO PRODUCTION, 2008–2009\*



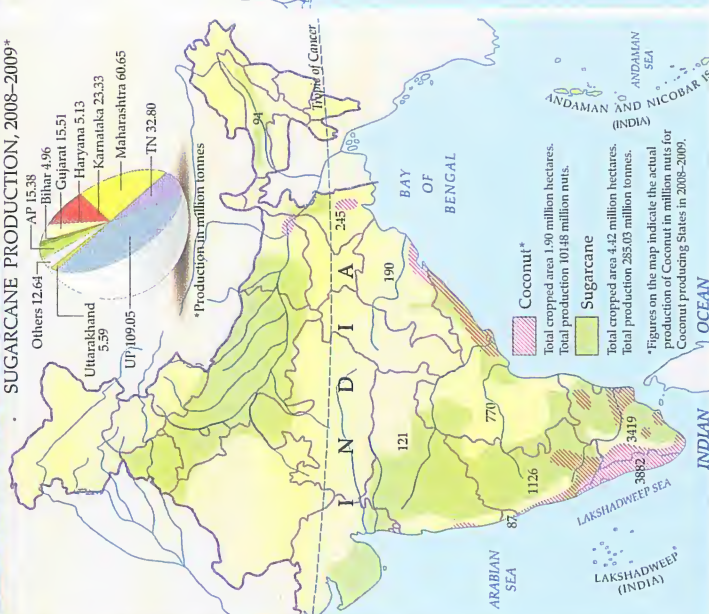
## COTTON, JUTE AND MESTA

COTTON PRODUCTION, 2008–2009\*



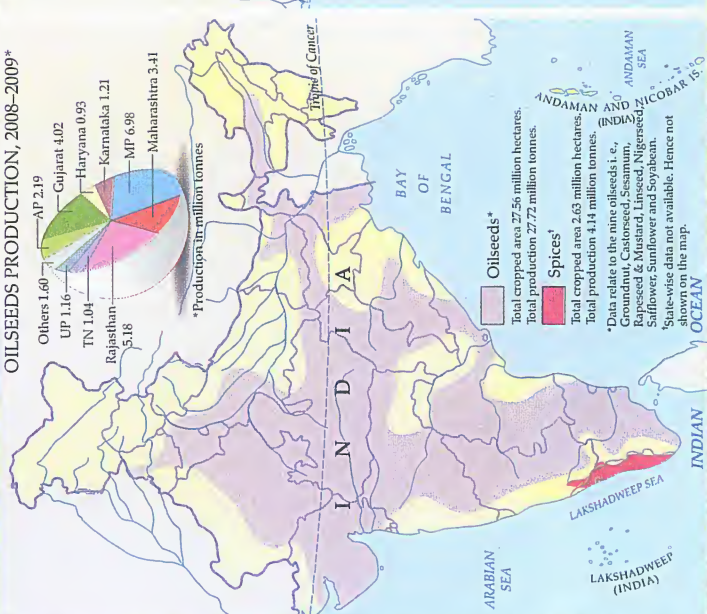
## COCONUT AND SUGARCANE

SUGARCANE PRODUCTION, 2008–2009\*



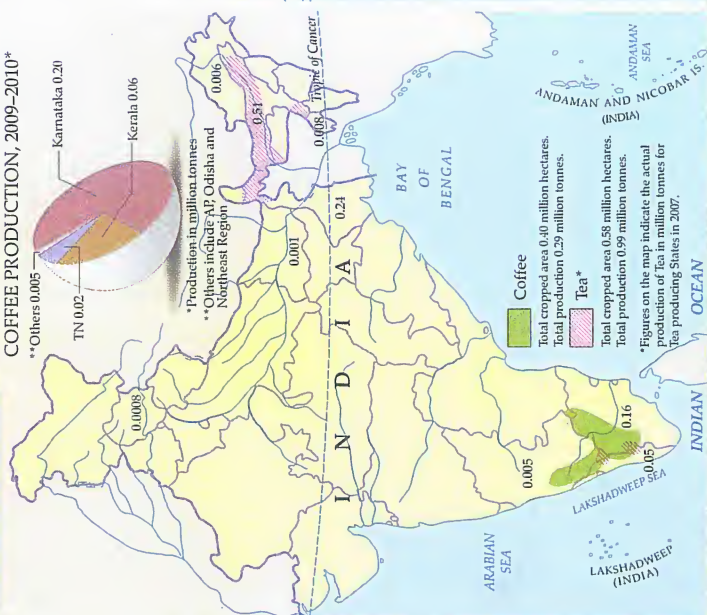
## OILSEEDS AND SPICES

OILSEEDS PRODUCTION, 2008–2009\*



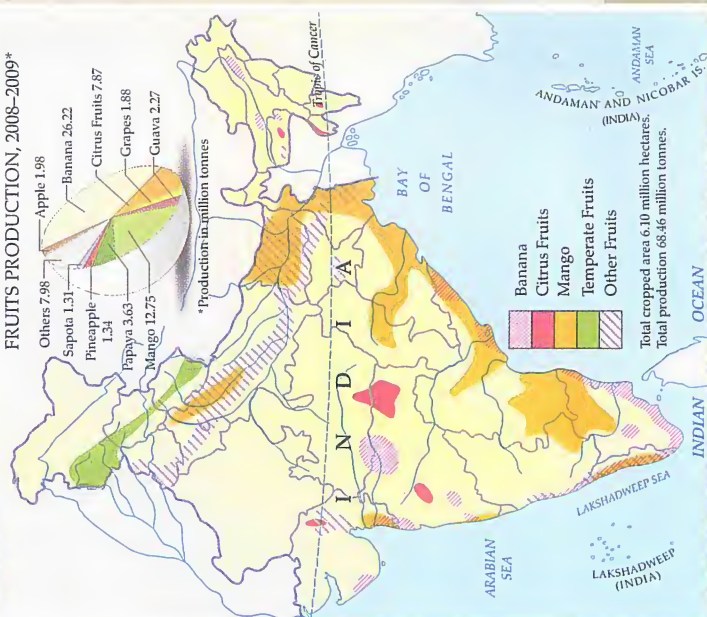
## COFFEE AND TEA

COFFEE PRODUCTION, 2009–2010\*



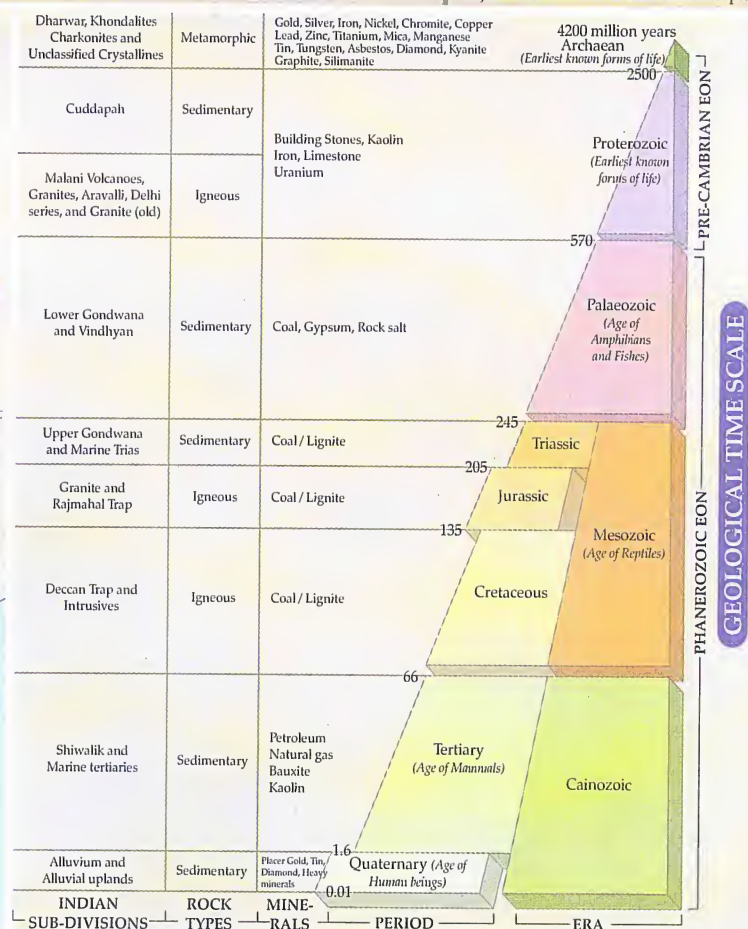
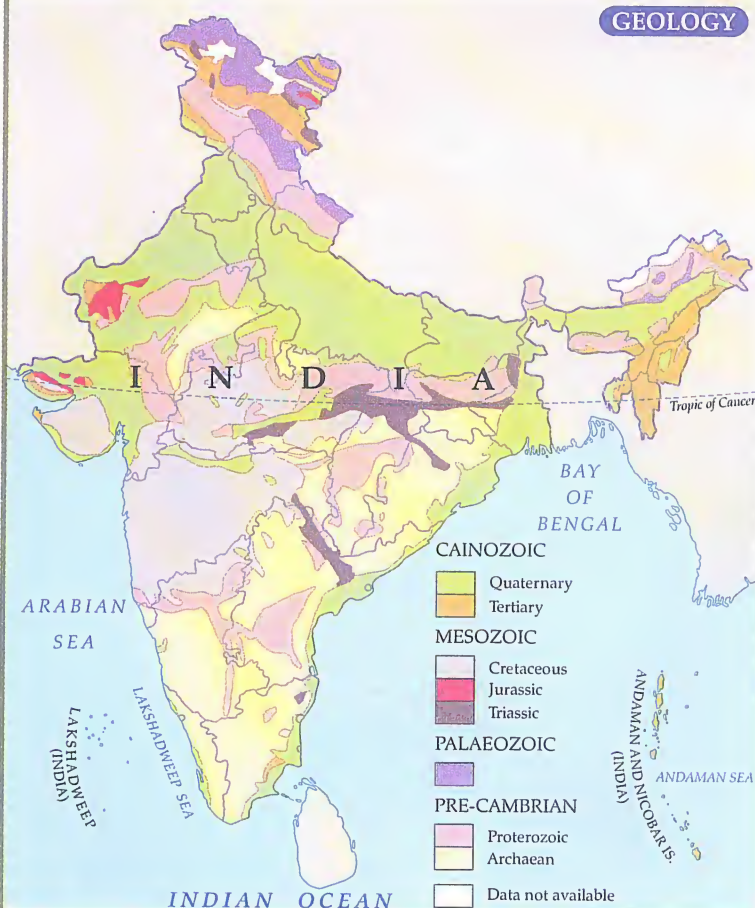
## FRUITS

FRUITS PRODUCTION, 2008–2009\*

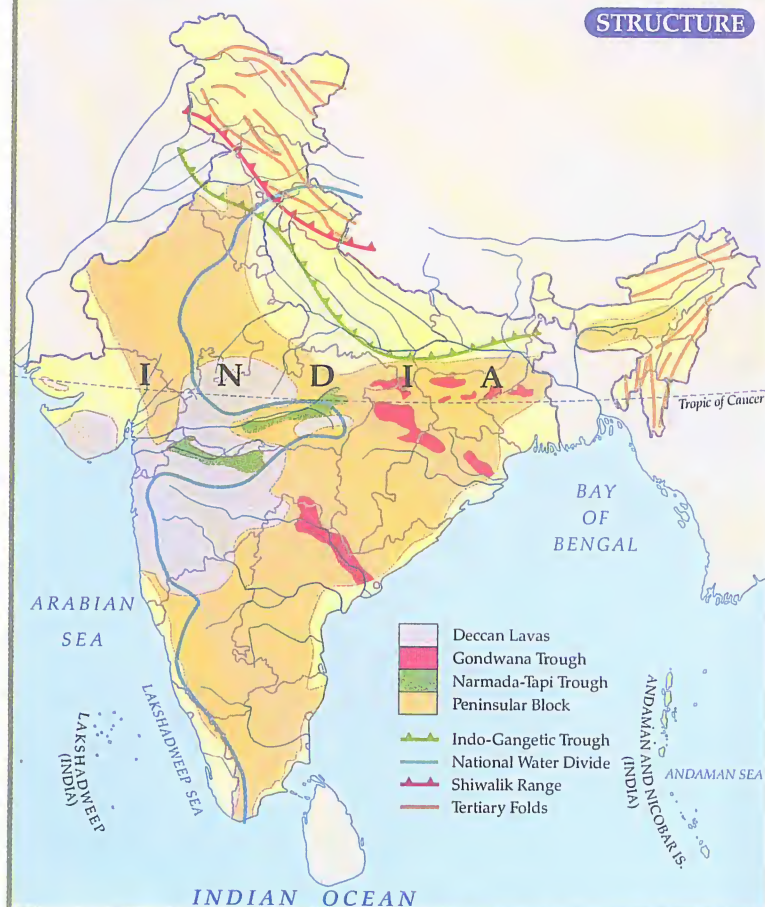




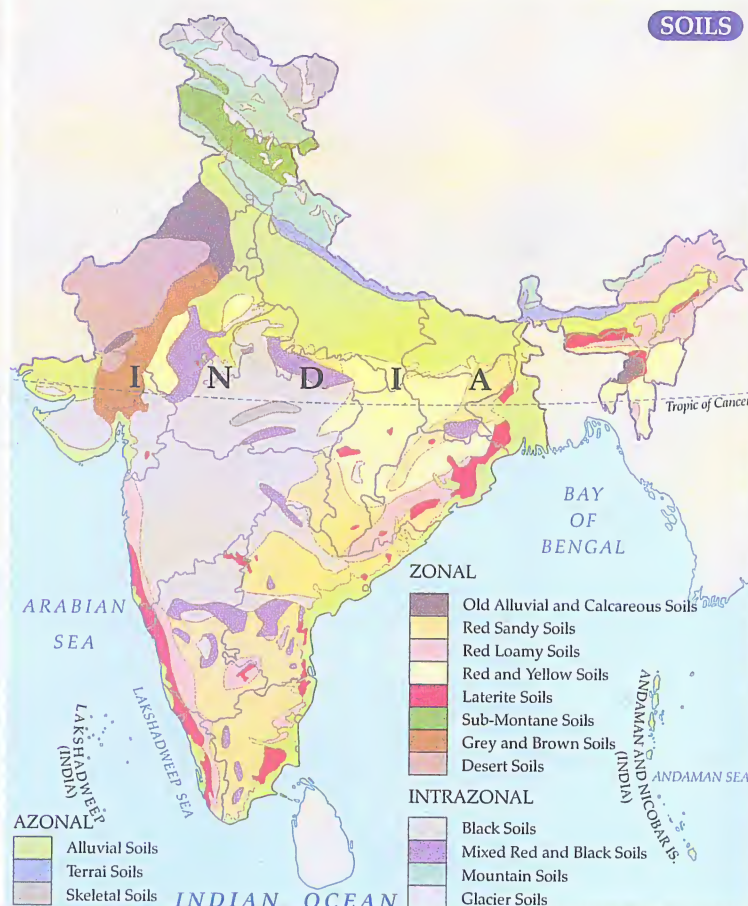
## GEOLOGY



## STRUCTURE



## SOILS



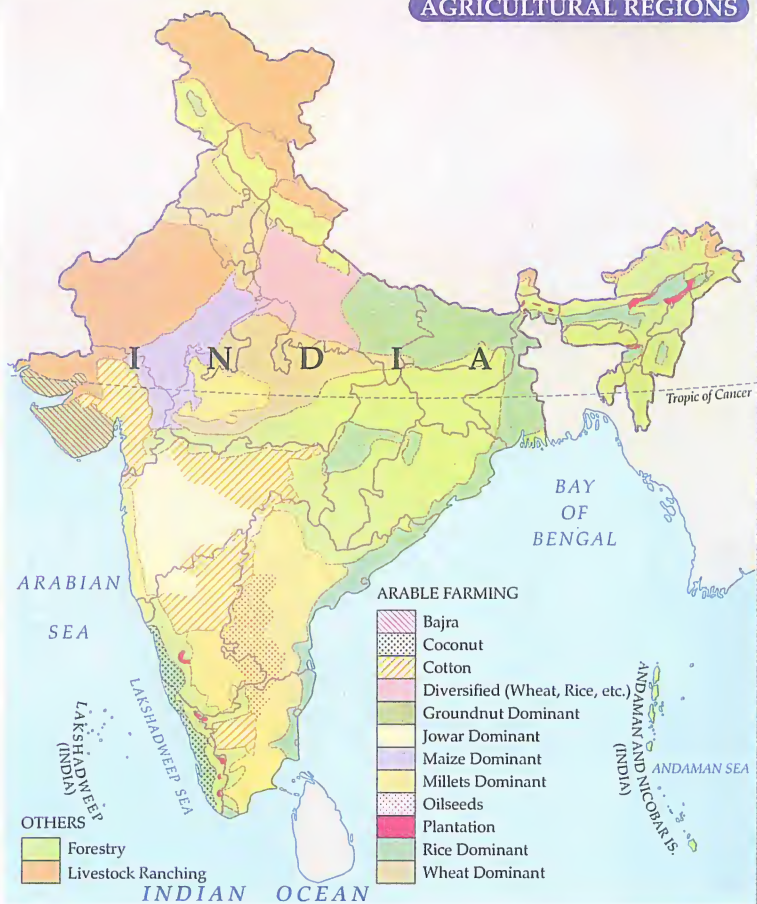


# INDIA — NATURAL VEGETATION, AGRICULTURAL REGIONS, LAND USE AND MINERAL FUELS

## NATURAL VEGETATION



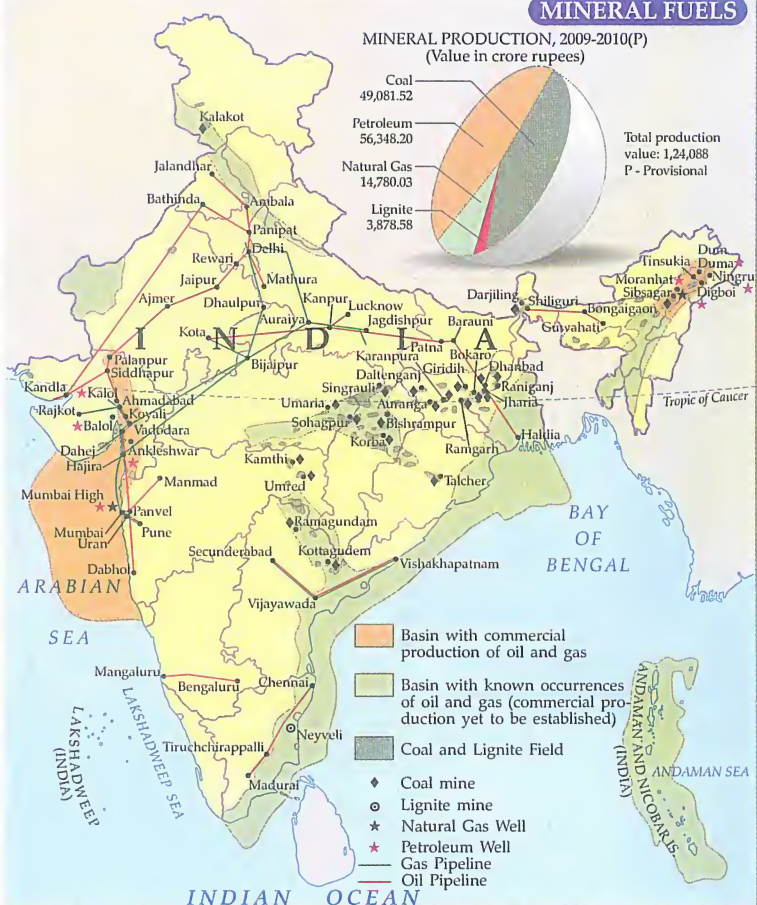
## AGRICULTURAL REGIONS



## LAND USE



## MINERAL FUELS





## INDIA — UNIVERSITIES AND SPACE SCIENCE

## UNIVERSITIES

**ABBREVIATIONS\*:**  
 APTE : Ariane Passenger Payload Experiment  
 ASLV : Augmented Satellite Launch Vehicle  
 GSLV : Geosynchronous Satellite Launch Vehicle  
 IMS : Indian Mini Satellite  
 INSAT : Indian National Satellite  
 IRS : Indian Remote Sensing Satellite  
 PSLV : Polar Satellite Launch Vehicle  
 RS : Rohini Series  
 RTP : Rohini Technology Payload  
 SLV : Satellite Launch Vehicle  
 SRE : Space capsule Recovery Experiment  
 SROSS : Stretched Rohini Satellite Series  
 TES : Technology Experiment Satellite

## SPACE SCIENCE

**ABBREVIATIONS:**  
 RSSC : Regional Remote Sensing Service Centre  
 ISRO : Indian Space Research Organisation  
 DOS : Department of Space  
 ISTRAC : ISRO Telemetry, Tracking and Command  
 SDSC-SHAR : Satish Dhawan Space Centre, Sriharikota  
 Space Centre  
 NMRF : National MST Radar Facility  
 NNRMS : National Natural Resources  
 Management System  
 NARL : National Atmospheric Research Laboratory

State Headquarters  
 Other Places  
 Space Applications Centre  
 North Eastern Region  
 DOS Branch Secretariat  
 ISRO Branch Office  
 Delhi Earth Station  
 ISTRAC Ground  
 Station  
 Chandigarh  
 Shimla  
 Dehra Dun  
 Lucknow  
 Patna  
 Jodhpur  
 Jaipur  
 Bhopal  
 Nagpur  
 Raipur  
 Bhubaneswar  
 Kolkata  
 Agartala  
 Shillong  
 Dispur  
 Kohima  
 Imphal  
 Gangtok  
 Itanagar  
 Port Blair  
 Down Range  
 Station  
 Car Nicobar  
 Indian Institute of Space Science Technology  
 Vikram Sarabhai Space Centre  
 ISRO Inertial Systems Unit  
 PSLV Facilities  
 Liquid Propulsion Test Facilities  
 Ammonium Perchlorate  
 Experimental Plant  
 INSAT Master  
 Control Facility  
 National Remote  
 Sensing Agency  
 ISRO Liaison  
 Office  
 Central RSSC  
 Mumbai  
 Pune  
 Thiruvananthapuram  
 (Thiruvandrum)  
 Kavaratti  
 Lakshadweep  
 (India)  
 Lakshadweep  
 (India)  
 Arabian Sea  
 Bay of Bengal  
 Indian Ocean  
 Andaman and Nicobar Is.  
 (India)

## INDIAN SATELLITES

Name	Launch Vehicle	Weight (kg)	Date of Launch	Name	Launch Vehicle	Weight (kg)	Date of Launch	Name	Launch Vehicle	Weight (kg)	Date of Launch
INSAT-2B	Ariane, Europe	1932	23-07-1993	INSAT-2	GSLV-D2, India	1825	08-05-2003	OCEANSAT-2	PSLV-C14, India	960	23-09-2009
IRS-1E	PSLV, India	845	20-09-1993	INSAT-3E	PSLV, India	2775	28-09-2003	GSAT-4	PSLV-D3, India	2220	15-04-2010
SROSS-C2	ASLV, India	113	04-05-1994	IRS-P6 (SROSSAT-1)	ASLV, India	845	07-10-2003	CARTOSAT-2B	PSLV-C15, India	694	12-07-2010
IRS-P2	SLV-3, India	904	15-10-1994	EDUSAT (SROSSAT-3)	PSLV, India	1360	20-09-2004	STUDSAT	PSLV-C16, India	<31	12-07-2010
INSAT-2C	Ariane, Europe	2050	07-12-1995	CARTOSAT-1	Ariane, Europe	1560	05-05-2005	GSAT-5P	PSLV-F06, India	2310	25-12-2010
IRS-1C	Molviya, Russia	1250	28-12-1995	HAMSAT	PSLV-C6, India	42	05-05-2005	YOUTH SAT	PSLV-C6, India	92	20-04-2011
IRS-P3	PSLV, India	920	21-03-1996	INSAT-4A	PSLV, India	3080	22-12-2005	RESOURCESAT-2	PSLV-C16, India	1206	20-04-2011
INSAT-2D	Ariane, Europe	2070	04-06-1997	INSAT-4C	GSLV-F02, India	2168	10-01-2007	GSAT-8	PSLV-C16, India	3093	21-05-2011
IRS-1D	PSLV-C1, India	1200	29-09-1997	CARTOSAT-2	PSLV-C7, India	550	10-01-2007	GSAT-12	PSLV-C17, India	1410	15-07-2011
INSAT-2DT	Procured in Orbit from Arabsat in January 1988	1200	29-09-1997	SRE-1	PSLV-C7, India	550	10-01-2007				
INSAT-2E	Ariane, Europe	2550	03-04-1999	INSAT-4B	Ariane, Europe	3025	12-03-2007				
OCEANSAT-1 (IRS-P4)	PSLV-C2, India	1050	28-05-1999	CARTOSAT-2	Ariane, Europe	352	23-04-2007				
INSAT-3B	PSLV, India	2070	22-03-2000	INSAT-4CR	PSLV-F04, India	2130	02-09-2007				
TES	Ariane, Europe	1530	18-04-2001	CARTOSAT-2A	PSLV-C9, India	690	28-04-2008				
INSAT-3C	PSLV-C3, India	1108	22-10-2001	IMS-1	PSLV-C9, India	83	28-04-2008				
INSAT-3A	PSLV-C3, India	2750	24-01-2002	CHANDRAYAN-1	PSLV-C11, India	1380	22-10-2008				
Kalpana-1	Ariane, Europe	1060	12-09-2002	RISAT-2	PSLV-C12, India	300	20-04-2009				
INSAT-3A	Ariane, Europe	2950	10-09-2003	ANUSAT	PSLV-C12, India	40	20-04-2009				

Note: For list of Abbreviations\* see top right of Universities map.